

## **Periodic Table 2**

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

### **Gridlock 1**

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6. Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
boron			sulfur
	oxygen		
			boron
		carbon	
period 3		peri	od 2

### **Gridlock 2**

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
	boron		sulfur
			aluminium
silicon			nitrogen
peri	od 3	peri	od 2





# **gridlocks** – can you unlock the grid?

## **Gridlock 3**

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
carbon			
		sulfur	
		indium	
	arsenic		
period 4		peri	od 5

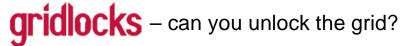
## **Gridlock 4**

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
boron			sulfur
	oxygen		
			indium
		tin	
peri	od 4	peri	od 5







## Periodic Table 2 - answers

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

### Puzzle 1 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6. Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
boron	carbon	phosphorus	sulfur
nitrogen	oxygen	aluminium	silicon
silicon	phosphorus	oxygen	boron
sulfur	aluminium	carbon	nitrogen
period 3		peri	od 2

#### Puzzle 2 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
nitrogen	boron	silicon	sulfur
oxygen	carbon	phosphorus	aluminium
aluminium	phosphorus	oxygen	carbon
silicon	sulfur	boron	nitrogen
period 3		perio	od 2





## gridlocks – can you unlock the grid?

## Puzzle 3 - answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
carbon	oxygen	phosphorus	aluminium
nitrogen	boron	sulfur	silicon
selenium	germanium	indium	antimony
gallium	arsenic	tin	tellurium
period 4		peri	od 5

## Puzzle 4 - answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
boron	carbon	phosphorus	sulfur
nitrogen	oxygen	aluminium	silicon
germanium	arsenic	tellurium	indium
selenium	gallium	tin	antimony
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period 4 period 5



